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- Published:**  
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(54) Title: PROCESS FOR RHEOLOGY CHANGES IN AQUEOUS PIGMENT DISPERSIONS

(57) Abstract: A process for improving the rheological properties of aqueous pigment compositions is provided which comprises ultrasonic treatment at a frequency of 16 to 100 KHz of aqueous pigment dispersions of suspensions. The obtained pigment compositions show improved, more economical, handling properties, such as a significant particle (pigment) loading and a reduced viscosity, and lead, therefore, to considerable advantages when preparing colorant compositions, such as inks or paints, thereof.

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# INTERNATIONAL SEARCH REPORT

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PCT/EP 03/08754

**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 153 001 A (ICHIZAWA NOBUYUKI ET AL) 28 November 2000 (2000-11-28) column 7, line 13 - line 18; examples	1-11
Y	PATENT ABSTRACTS OF JAPAN & JP 10 060331 A (KAO CORP.), 3 March 1998 (1998-03-03) abstract	1-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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